APPROVED O.G. FIG.

BY CLASS SUBCLASS

DRAFTSMAN



2 0,0	2 0 2	2 0 4
SGML DECLARATION	DTD	DOCUMENT REALIZATION VALUE

SGML DOCUMENT

## FIG. 2 PRIOR ART

```
<!ENTITY % linkType "NAMES">
<!ENTITY % linkExtraAttributes</pre>
        "REL %linkType#IMPLIED
        REV %linkType#IMPLIED
        URN CDATA#IMPLIED
        TITLE CDATA#IMPLIED
        METHODS NAMES#IMPLIED
<![% HTML. Recommended [
        < !ENTITY % A. content "(%text)* "
        --<H1><a name="xxx">Heading</a></H1>
                  is preferred to
            <a name="xxx"></H1>Heading</H1></a>
]]>
<!ENTITY % A. content "(%heading | %text)* ">
                  --%A. content-(A)>
< !ELEMENT A
<!ATTLIST A
         HREF CDATA#IMPLIED
         NAME CDATA#IMPLIED
         %linkExtraAttributes;
         %SDAPREF;" < Anchor: #AttList>"
<!--<A>
                     Anchor; source/destination of link
<!--<A NAME="..."> Name of this anchor
<!--<A HREF="..."> Address of link destination
<!--<A URN="..."> Permanent address of destination
                       Permanent address of destination
```

APPROVED O.G. FIG. SUBCLASS CLASS BY DRAFTSMAN

APPARATUS AND DOCUMENT ECTION TITLE OF THE INVENTION (DEVICE) </TIDATA COMPRESSING-RECONSTRUCTING METHOD AND APP, MANAGEMENT SYSTEM </T>

CTION SCOPE OF CLAIM 
/Section 

BSECTION A DATA COMPRESSING APPARATUS FOR ENCORMANCE

(/SUBSECTION) <TITLE>SPECIFI(
<SECTION>TITLE

ENCODING INPUT (SECTION) SCOPE (SUBSECTION) A 1

TABL OF A CODE TABL COMPRISING: <P> <L | ST)

COMPUTER CHARACTER ING THE DATA
A MEMORY CAPACI INCREASING SPEED BY A AS H) GH (ITEM) MEANS FOR HOLDING A CODE TABLE

(ITEM) STEP OF ENCODING INPUT DATA ON THE BASIS OF A C

(/LIST) A DATA COMPRESSING METHOD CHARACTERIZED BY COMPRI

(SECTION) DETAILED DESCRIPTION OF THE INVENTION (/SECTION)

(SUBSECTION) INDUSTRIAL FIELD OF UTILIZATION (/SUBSECTION)

(SUBSECTION) INDUSTRIAL FIELD OF UTILIZATION (/SUBSECTION)

(SODES, VECTOR INFORMATION, AND IMAGES HAS BEEN HANDLED

AND AN AMOUNT OF DATA WHICH IS HANDLED IS ALSO RAPIDLY

WHEN A LARGE AMOUNT OF DATA IS HANDLED, BY COMPRESSING

AMOUNT BY OMITTING REDUNDANT PORTIONS IN THE DATA, A ME THE CAN BE

<u>П</u> OF DOCUMENTS WHICH WERE ED TO BE USED ARE ENABLED GENERALIZED NG FORMATS DOCUMENTS ARE ENABLE THERE IS A TREND OF UNIFYING FORMATS OF APPLICATION COMPUTERS FOR COMPUTERS FEERENT COMPU HANDLED BY REDUCED AND PHY RECENTLY, (PARAGRAPH) DIFFERENT EVEN BY D ARE WHICH

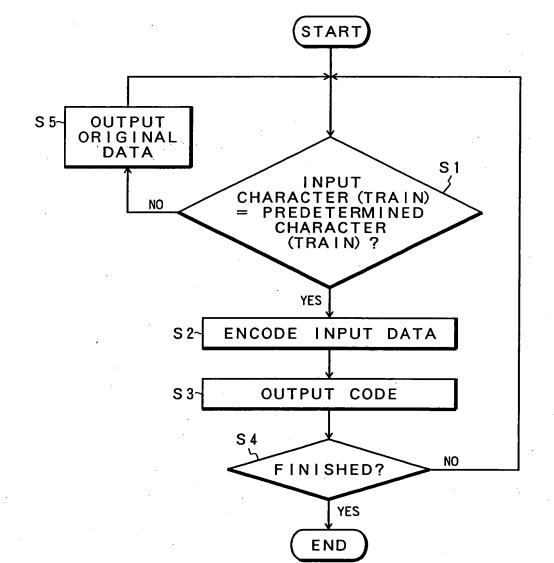
BRAFTSMAN

O.G. FIG.

CLASS SUBCLASS

3/28

F I G. 4



DSSESS D71399

DSSESSE OFTES

APPROVED

BY DRAFTSMAN O.G. FIG.

CLASS

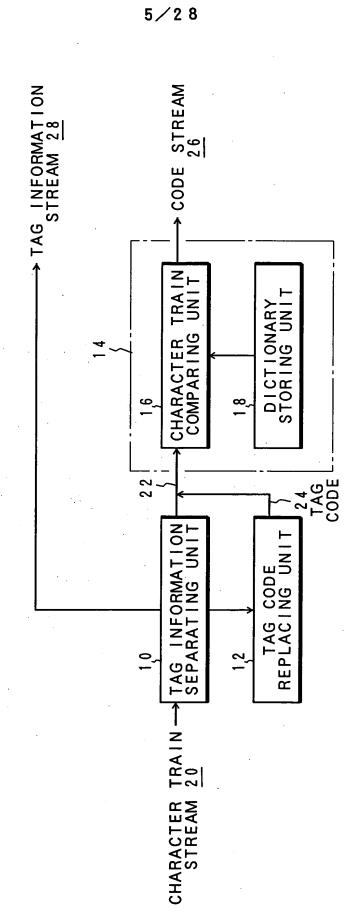
SUBCLASS

## <u>Б</u>

(SUBSECTION> A DATA COMPRESSING APPARATUS FOR ENCODING INPUT DATA THE INVENTION </SECTION> ZATION </SUBSECTION> OF THE INVENTION (DEVICE) </TITLE> <P> THE INVENTION (DEVICE) </SECTION> ... 358eac0e66f8 ffd938e06b ... 6efc312903 (SUBSECTION> INDUSTRIAL FIELD OF UTIL! OF CLAIM </SECTION> (SECTION) DETAILED DESCRIPTION OF (COMPRESSION AREA) (COMPRESSION AREA) (COMPRESSION AREA) </br> (TITLE) SPECIFICATION (SECTION) SCOPE (SECTION) TITLE 275fe5a1d8... 98ecad978. 6ef208ca9d.

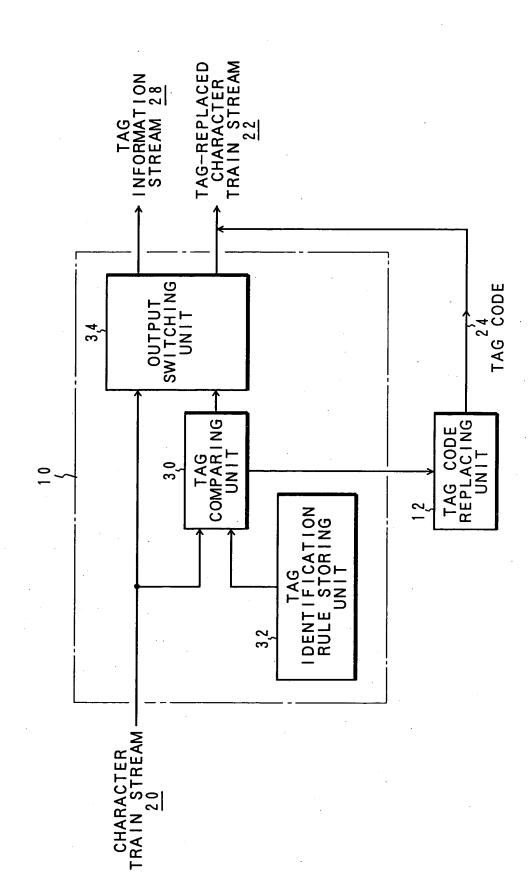
APPROVED	O.G.	FIG.
BY .	CLASS	SUBCLASS
CARAFTSMAN		

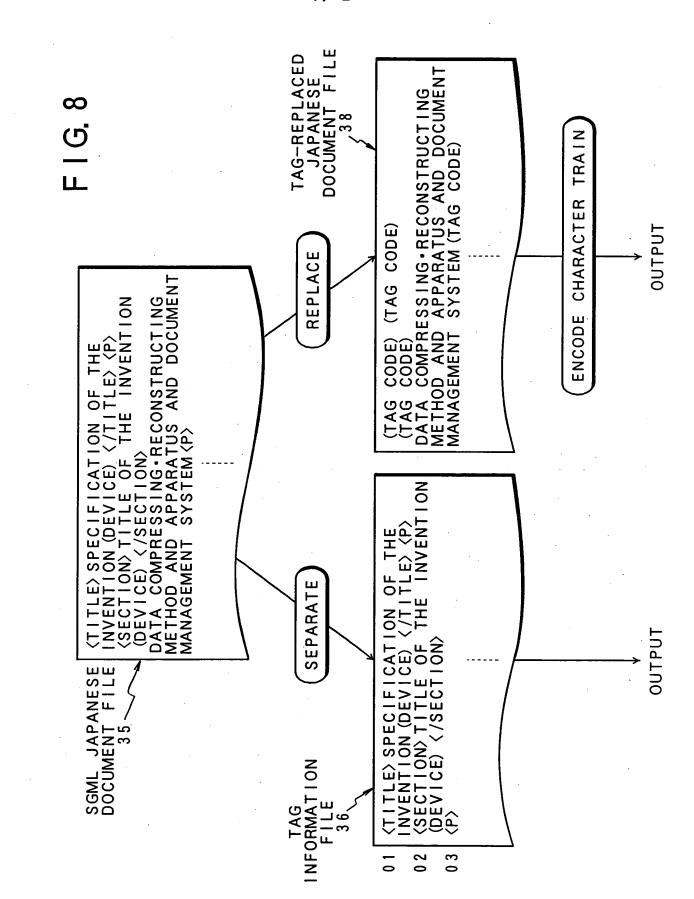
F I G. 6



	APPROVED	O.G.	FIG.
	BY	CLASS	SUBCLASS
1	DRAFTSMAN		

6/28





OF

STEPS

北

COMPRISING

B≺

U935E355

. YUS

COMPRESSING.RECONSTRUCTING METHOD AND APPARATUS AND DOCUMENT SYSTEM (TAG CODE) MANAGEMENT CODE) DATA (TAG (TAG

(TAG CODE)

(TAG (TAG (TAG

CODE) CODE) CODE) TA COMPRESSING METHOD CHARACTERIZED CODE) A DATA

BY A COMPUTER INCREASING. THE DATA CHARACTER OF DATA WHICH I NFORMATION AMOUNT RECENT VECTOR AMOUNT LARGE CODE) CODE) CODE) CODES, AND AN WHEN A (TAG (TAG (TAG (TAG

BY OMIT

**AMOUNT** 

OF UNIFYING FORMATS OF DOCUMENTS FORMATS OF DOCUMENTS WHICH WERE ONS SO FAR ARE ENABLED TO BE USED A HIGH SPEED. ORMATION, AND IMAGES HAS BEEN HANDLED BY CORMATION, AND IMAGES HAS BEEN HANDLED BY DATA WHICH IS HANDLED IS ALSO RAPIDLY IN INT OF DATA IS HANDLED, BY COMPRESSING THIS REDUNDANT PORTIONS IN THE DATA, A MEMOND THE DATA A HIGH OF THE DATA CAN BE TRANSMITTED AT A HIGH OF THE IS A TREND OF UNIFYING FORMATS OF DOCUMENTS OF APPLICATIONS SO FAR ARE ENABLE BE REDUCED AND CODE) RECENTLY, CH ARE HANDLED E WHICH CAN

 $\infty$ 

OGSCASS O71399

9/28

TABLE

9

THE INVENTION (DEVICE) </TITLE> ⟨TITLE⟩ SPECIFICATION OF

0 2

0 5

(SECTION) TITLE OF THE INVENTION (DEVICE) (/SECTION) 0 3 4

(SUBSECTION) A DATA COMPRESSING APPARATUS FOR ENCODING INPUT DATA (SECTION) SCOPE OF CLAIM </SECTION)

<L | ST> 10

</subsection>

<ITEM>MEANS FOR HOLDING A CODE TABLE

CODE OF A BASIS <ITEM\STEP OF ENCODING INPUT DATA ON THE</p>

</r> 8 0

(SECTION) DETAILED DESCRIPTION OF THE INVENTION (/SECTION) 60

(SUBSECTION) INDUSTRIAL FIELD OF UTILIZATION (/SUBSECTION)

(PARAGRAPH)

(PARAGRAPH) 2 <TT> SGML (STANDARD GENERALIZED MARKUP LANGUAGE) </TT>

**OF** 

STEPS

CHARACTER COMPUTER

**INCREASING** 

OSSSSS

APPROVED

BY DRAFTSMAN O.G. FIG.

CLASS SUBCLASS

 $\infty$ 

AND DOCUMENT G CODE 1) (TAG CUDE 2/ G CODE 3) DATA COMPRESSING.RECONSTRUCTING METHOD AND APPARATUS (TAG (TAG

(TAG (TAG

THE COMPRISING B≺ CHARACTERIZED METHOD ANAL 3 CODE 5, AG CODE 7) AG CODE 7) A COMPRESSING M DATA

(TAG

CODE AND AN (TAG CC (TAG CC (TAG CC (TAG CC

THE DATA MORY CAPAC A MEMORY VARIOUS KINDS OF DATA SUCH AND IMAGES HAS BEEN HANDLED B IS HANDLED BY COMPRESSING TIS HANDLED, BY COMPRESSING TIP PORTIONS IN THE DATA, A MEMICAN BE TRANSMITTED AT A HIGH IS A TREND OF UNIFYING FORMABY COMPUTERS. THE FORMATS OF APPLICATIONS SO FA AMOUNT BY OMITTING REDUNDANT CAN BE REDUCED AND THE DATA (TAG CODE 12) RECENTLY, THERE DOCUMENTS WHICH ARE HANDLED WHICH WERE DIFFERENT FOR COM DATA WHEN A

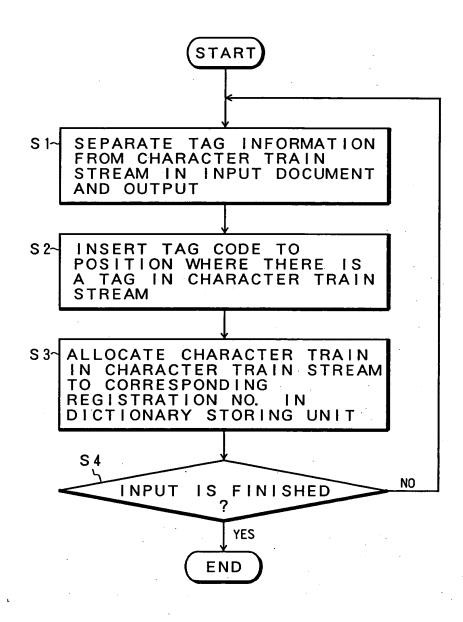
ENABLE SO. . . TTED AT A HIGH SPEED.
UNIFYING FORMATS OF
THE FORMATS OF DOCUMENT
ICATIONS SO FAR ARE ENA 6 13

ED

PRAFTSMAN

11/28

F I G. 12



OGBERGE .C71399

O.G. FIG.

1 2/2 8

PART OF SPEECH CLASS	THE NUMBER OF MORPHEMES (THE TOTAL NEMBER)	COMPONENT RATIO	THE NUMBER OF MORPHEMES (THE DIFFERENT NUMBER)	COMPONENT RATIO
NOUN CLASS	1, 375, 378	26.1	110, 912	81.3
VERB CLASS	622, 125	11.8	14, 638	10.7
ADJECTIVE CLASS	58, 742	1.1	1, 204	0.9
ADJECTIVE VERB CLASS	61, 192	1. 2	3, 796	2.8
ADVERB CLASS	74, 332	1. 4	2, 934	2. 1
PARTICIPIAL ADJECTIVE CLASS	40, 271	0.8	247	0. 2
CONJUNCTION CLASS	23, 562	0. 4	247	0. 2
PREFIX CLASS	21,063	0. 4	318	0. 2
SUFFIX CLASS	122, 954	2. 3	1, 330	1.0
WORDS' ENDING CLASS	631, 304	12.0	155	0. 1
POST POSITIONAL WORD CLASS	1, 402, 757	26.7	171	0.1
AUXILIARY VERB CLASS	319, 852	6. 1	203	0. 1
INTERJECTION CLASS	356	0.0	105	0. 1
OTHERS	508, 333	9. 7	226	0.2
TOTAL	5, 262, 221	100.0	136, 486	100.0

D9352355 .CV1.399

PROVED O.G. FIG.

CLASS SUBCLASS

CDRAFTSMAN

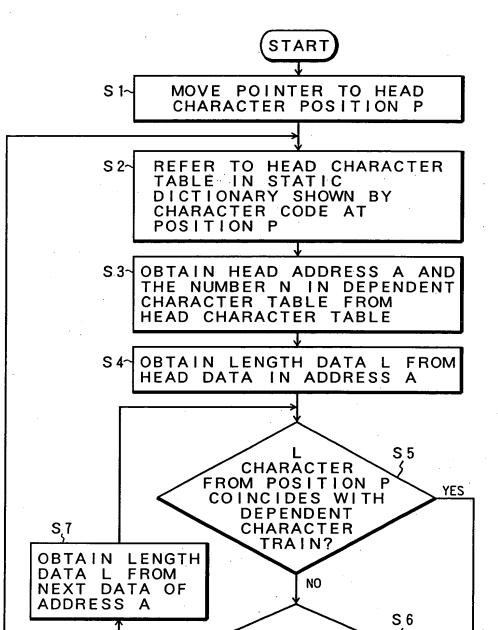
. I.G. 14

en e	मार्थक्षके काल्यिकाल्य <b>१</b> उद्यस	<u>.</u>					1	3/	<b>′</b> 2	8											
	TRAIN	4	TRAIN CODE	TRAIN CODE	TRAIN CODE	TRAIN CODE					TRAIN CODE	TRAIN CODE	TRAIN CODE					TRAIN CODE	TRAIN CODE	TRAIN CODE	
	DEPENDENT CHARACTER STORING UNIT 4	ഹ്വ	CHARACTER	CHARACTER	CHARACTER	CHARACTER	•	• •			CHARACTER	CHARACTER	CHARACTER	•	• •	- 1	1	CHARACTER	CHARACTER	CHARACTER	
	NDENT STOR	52	5	ċ	.¥€	NULL					#	松	NULL		-	4	R	立て	湿	NULL	! !
	DEPEN	5,0	→ LENGTH L1	LENGTH L2	LENGTH L3	LENGTH L4					LENGTH LQ	LENGTH Lr	LENGTH LS				- 1	LENGTH Lx	LENGTH Ly	LENGTH Lz	
	٠		N E	N2	N3	Z	N 2	N 3			2	ρN	Ne			ΒN	F		֝֟֟֝ <u>֟</u>	•	
	R 40	4,8	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER			NUMBER	NUMBER	NUMBER			NUMBER	NUMBER	NIMBER	NOWID ETT		
	RACTE		THE	ТНЕ	THE	THE	THE	THE			THE	ТНЕ	THE			THE	THE	THF			
	CHAR NG U		A 1	A 2	A3	A4	A 5	A 6	•	• •	Ac	Ad	Ae		•	Ag	Ah	4		• •	
	HEAD C	4 6	ADDRESS	ADDRESS	ADDRESS	ADDRESS	ADDRESS	ADDRESS			ADDRESS	ADDRESS	ADDRESS			ADDRESS	ADDRESS	ADDRESS	)		
			HEAD	HEAD	HEAD	HEAD	HEAD	HEAD			HEAD	HEAD	HEAD			HEAD	HEAD	HEAD	2		
		4 4 4.	+8	5	iC	ıК	#8	か	•	• •	₩	驅	糠	• •		觚	瑤	鎥	<b>-</b> 7 ,;; →		
				S	DE	CO	83	3 T C	۸۶	1AH	C	OE	ВB	ая	0	ヨΗ	T				

DRAFTSMAN

14/28

## F I G. 15A



PROCESSES FOR

THE NUMBER N ARE
NOT FINISHED

NO \

YES

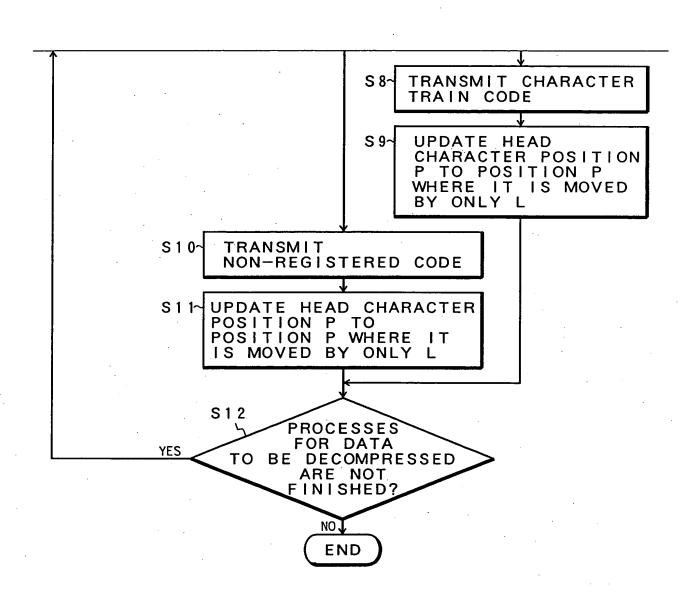
D935355 .U71399

O.G. FIG.

15/28

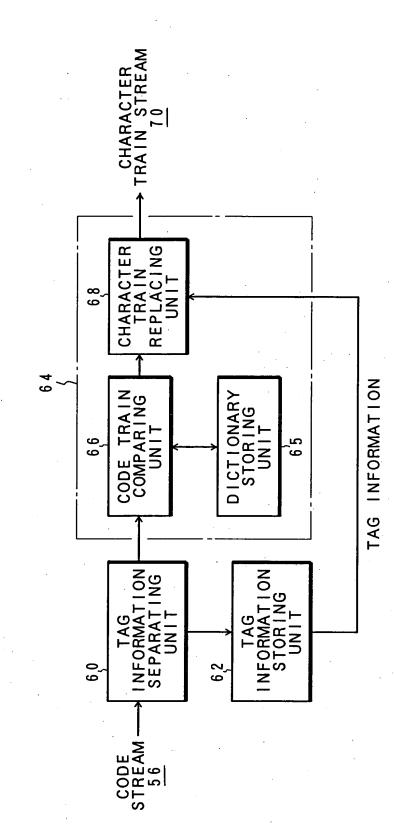


FIG. 15B



APPROVED	O.G.	FIG.
BY	CLASS	SUBCLASS
DRAFTSMAN		

16/28

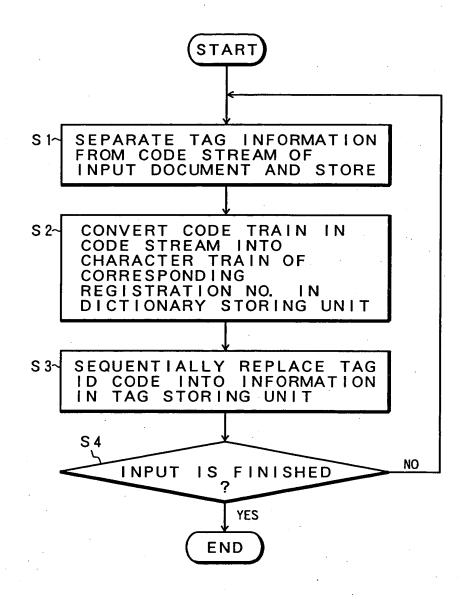


O.G. FIG.

CLASS SUBCLASS

17/28

F I G. 17



PRAFTSMAN

CLASS SUBCLASS

18/28

## F I G. 18

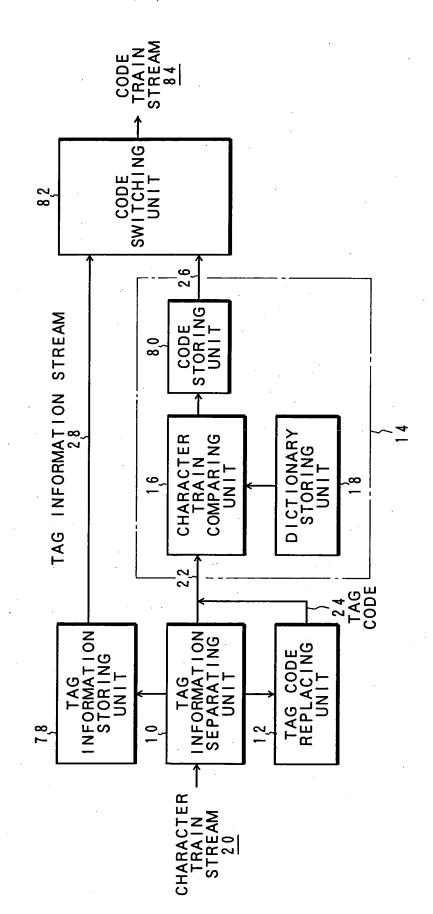
7 2 76 74 **HEAD CHARACTER** LENGTH 61 CHARACTER **LENGTH HEAD** L 2 う LENGTH HEAD **CHARACTER** L 3 お ADDRESS HEAD **CHARACTER** LENGTH NULL **REGISTRATION** HEAD CHARACTER LENGTH 件 HEAD CHARACTER LENGTH 内 TRAIN HEAD CHARACTER LENGTH NULL CHARACTER HEAD CHARACTER LENGTH カ HEAD **CHARACTER** LENGTH 立て Lx HEAD CHARACTER LENGTH 前 **HEAD CHARACTER** LENGTH Lz NULL

EFETTO EZETE

	APPROVED	O.G.	FIG.	
l	BY	CLASS	SUBCLASS	
	DRAFTSMAN			

19/28

F | G | 19



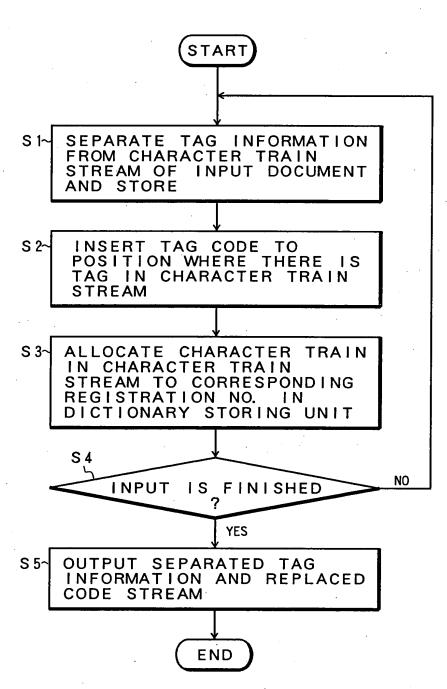
DRAFTSMAN

O.G. FIG.

20/28

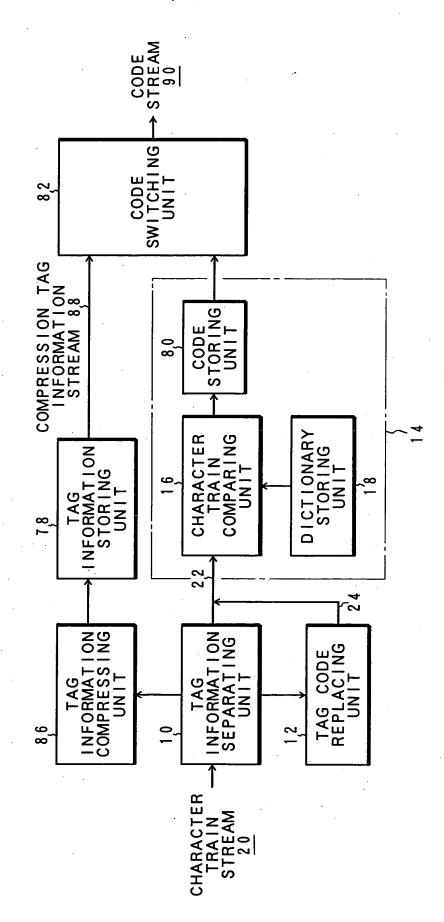
ogasass. Ozaag

F I G. 20



APPROVED	O.G.	FIG.
BY	CLASS	SUBCLASS
DRAFTSMAN		

21/28



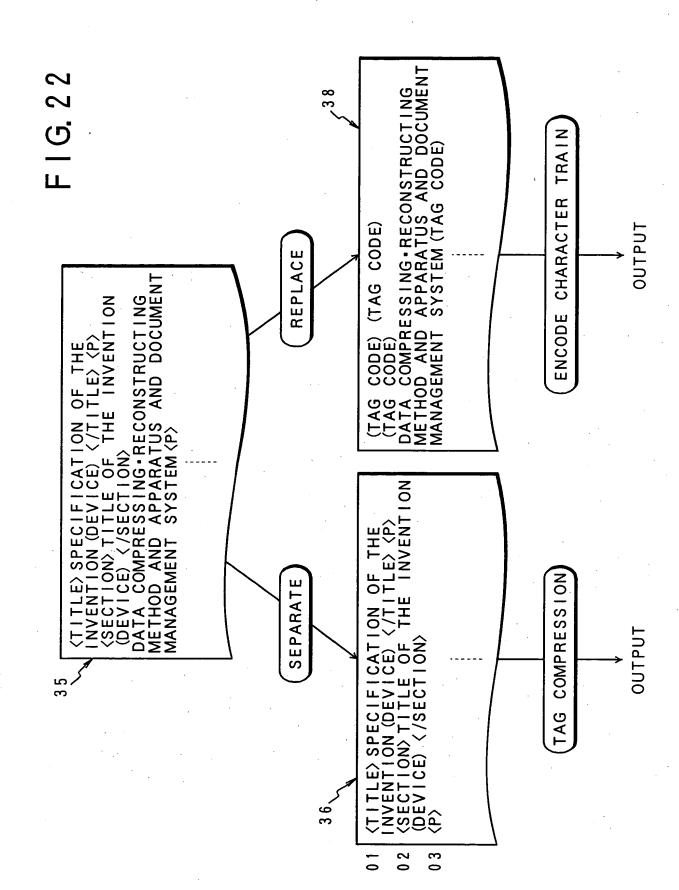
F I G. 21

APPROVED O.G. FIG.

BY CLASS SUBCLASS

DRAFTSMAN

22/28

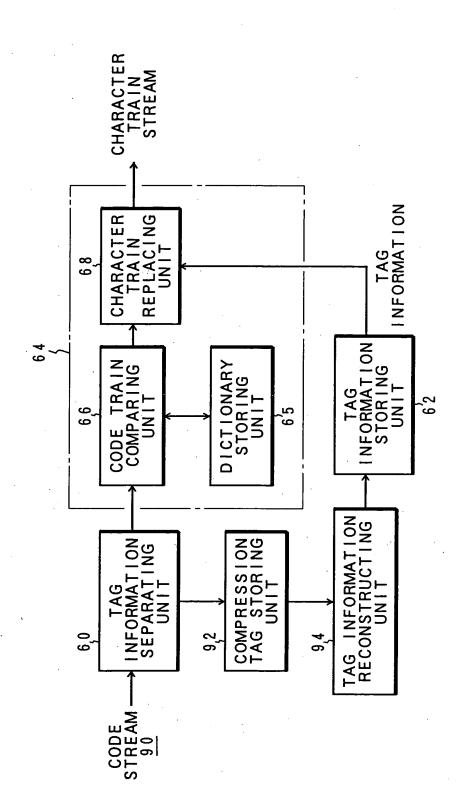


OSSESS OF 1399

Q
U
U
L
U
U
J
Œ
<u>.</u>
Ų
Ē
J

APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

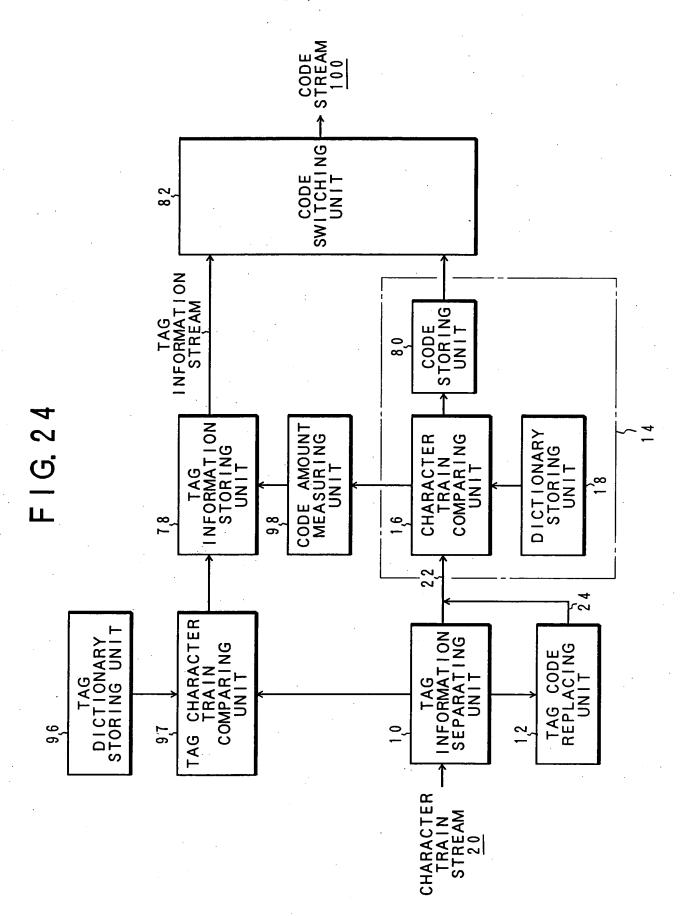
F I G. 23



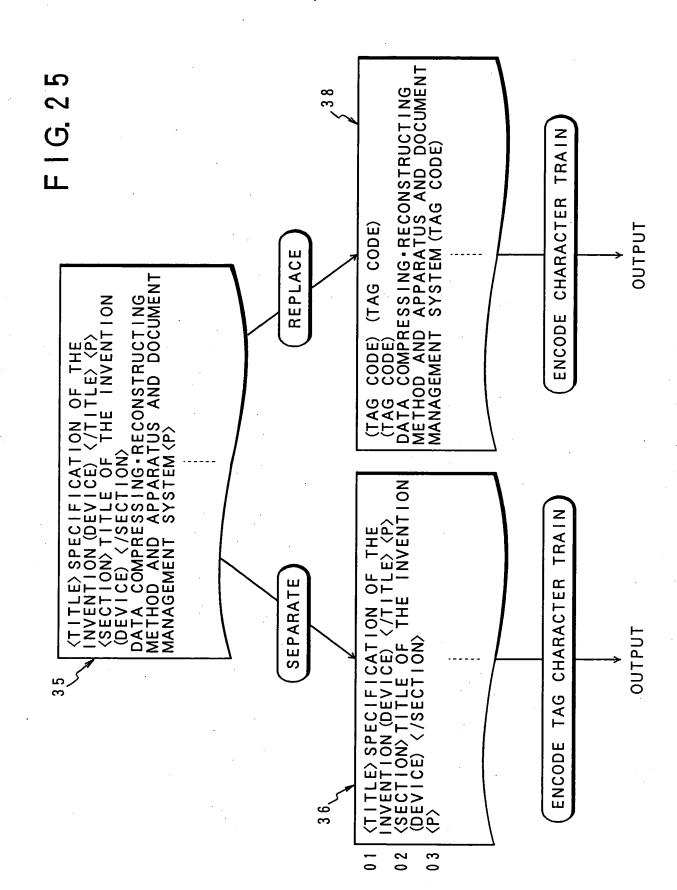
APPROVED O.G. FIG.
BY CLASS SUBCLASS

DRAFTSMAN

24/28



25/28



COMMENTO DINTER

# = 1G 26

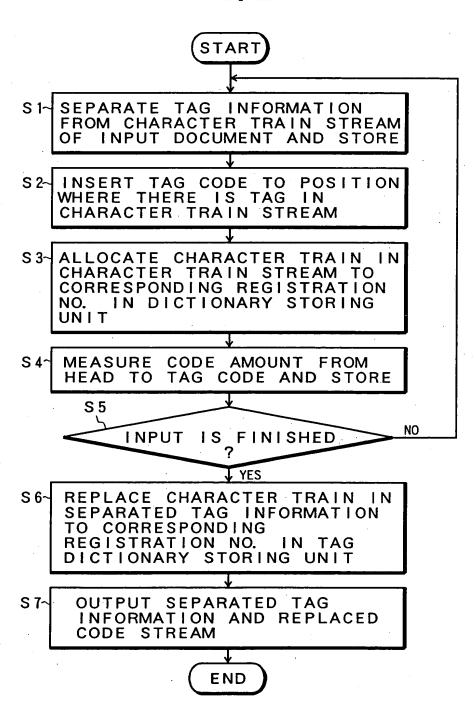
_		<b>A</b>
0 1	<title> (COMPRESSION AREA) </title>	DL1
0.2	⟨ <b>P</b> ⟩	DL2
03	(SECTION) (COMPRESSION AREA) (/SECTION)	DL3
0 4		DL4
0 5	(SECTION) (COMPRESSION AREA) (/SECTION)	DL5
90	ESSION ARE	DL6
10	IST> (COMPRESSION AREA) <td>DL7</td>	DL7
		DL8
6 0	(SECTION) (COMPRESSION AREA) (/SECTION)	DL9
10	(COMPRESSION AREA)	DL 10
=		DL11
12	<paragraph></paragraph>	DL12
13	<tt> (COMPRESSION AREA) </tt>	DL13

DRAFTSMAN

27/28

DSISCISS DV139

### F I G. 27



: I G. 28

